

Amendments to the Claims

This listing of claims will replace all prior versions and listings of claims in the application.

1. (Currently Amended) An interface unit for effecting communication between a device and an electronic system, the interface unit comprising:

a device communication module ~~for communicating~~ that communicates with the device over a wireless link in accordance with a first protocol;

a system communication module ~~for communicating~~ that communicates with the electronic system using a second protocol; and

a translation unit, operatively connected to the device communication module and to the system communication module, ~~for translating~~ that translates data received from the device in accordance with the first protocol into translated data adapted for the electronic system in accordance with the second protocol,

wherein the system communication module comprises a Universal Serial Bus (USB) protocol stack, the interface unit comprising a USB interface operatively connected to the USB protocol stack, and

wherein the system communication module comprises a USB multiplexing and demultiplexing arrangement operatively connected to the translation unit and to the USB protocol stack

~~wherein the electronic system does not have to be aware of the first protocol to be in communication with the device.~~

2. (Currently Amended) The interface unit of Claim 1 wherein the translation unit is ~~further~~ operative to translate information received from the electronic system in accordance with the second protocol into translated information adapted for the device in accordance with the first protocol.

3. (Currently Amended) The interface unit of Claim 1 wherein the electronic system comprises a personal computer and the second protocol is a ~~Universal Serial Bus~~ USB protocol (~~USB~~), the interface unit being connected to a USB port of the personal computer.

4. (Currently Amended) The interface unit of Claim 1 wherein the device communication module ~~includes~~ comprises a peripheral detection and connection module.

5. (Currently Amended) The interface unit of Claim 4 ~~further including~~ comprising a Bluetooth interface operatively connected to the peripheral detection and connection module, the communication module ~~further including~~ comprising a Bluetooth protocol stack operatively connected to the Bluetooth interface.

6. (Currently Amended) The interface unit of Claim 1 wherein the communication module ~~includes~~ comprises a Bluetooth multiplexing/demultiplexing arrangement operatively connected to the translation unit.

Claims 7-8 (Cancelled).

9. (Currently Amended) The interface unit of Claim [8] 1 wherein the system communication module ~~includes~~ comprises a configuration database operatively connected to the USB ~~multiplexing/demultiplexing~~ multiplexing and demultiplexing arrangement.

10. (Currently Amended) The interface unit of Claim 1 wherein the first protocol comprises the Bluetooth protocol and the second protocol comprises the USB protocol, the translation unit being ~~further~~ operative to translate information received from the electronic system in accordance with the USB protocol into translated information adapted for the device in accordance with the Bluetooth protocol.

Claims 11-15 (Cancelled).

16. (Currently Amended) A system for effecting communication with a device over a wireless link in accordance with a first protocol, the system comprising:

a personal computer having an interface compliant with a second protocol; and
an interface unit in communication with the personal computer through the interface, the interface unit ~~including~~ comprising:

a device communication module ~~for transmitting that transmits~~ information to, and receiving data from, the device in accordance with the first protocol;

a system communication module ~~for communicating that communicates~~ with the personal computer using a second protocol; and

a translation unit, operatively connected to the device communication module and to the system communication module, ~~for translating that translates~~ the data received from the device in accordance with the first protocol into translated data adapted for the electronic system in accordance with the second protocol,

~~wherein the personal computer does not have to be aware of the first protocol to be in communication with the device, and~~

wherein the interface unit runs emulation software that spoofs a connection as if the interface unit was not acting as an intermediary from the perspective of the personal computer.

17. (Currently Amended) The system of Claim 16 wherein the translation unit is ~~further~~ operative to translate information received from the electronic system in accordance with the second protocol into translated information adapted for the device in accordance with the first protocol.

18. (Currently Amended) The system of Claim 16 wherein the second protocol is a Universal Serial Bus ~~protocol~~ (USB) protocol, the interface ~~including~~ comprising a USB port of the personal computer.

19. (Currently Amended) The system of Claim 16 wherein the device communication module ~~includes~~ comprises a peripheral detection and connection module.

20. (Currently Amended) The system of Claim 19 ~~further including~~ comprising a Bluetooth interface operatively connected to the peripheral detection and connection module, the

communication module ~~further including~~ comprising a Bluetooth protocol stack operatively connected to the Bluetooth interface.

21. (Currently Amended) The system of Claim 16 wherein the communication module ~~includes~~ comprises a Bluetooth ~~multiplexing/demultiplexing~~ multiplexing and demultiplexing arrangement operatively connected to the translation unit.

22. (Currently Amended) The system of Claim 16 wherein the system communication module ~~further includes~~ comprises a USB protocol stack, the interface unit ~~further including~~ comprising a USB interface operatively connected to the USB protocol stack.

23. (Currently Amended) The system of Claim 22 wherein the system communication module ~~includes~~ comprises a USB ~~multiplexing/demultiplexing~~ multiplexing and demultiplexing arrangement operatively connected to the translation unit and to the USB protocol stack.

Claims 24-28 (Cancelled).